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WATER SUPPLY OUTLOOK FOR UTAH



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U. S. DEPARTMENT of AGRICULTURE ★ SOIL CONSERVATION SERVICE

Collaborating with

UTAH STATE DEPARTMENT OF NATURAL RESOURCES
-- DIVISION OF WATER RIGHTS

Data included in this report were obtained by the agencies named above in cooperation with Federal, State and private organizations listed inside the back cover of this report.

AS OF
OCT. 1, 1976

TO RECIPIENTS OF WATER SUPPLY OUTLOOK REPORTS:

Most of the usable water in western states originates as mountain snowfall. This snowfall accumulates during the winter and spring, several months before the snow melts and appears as streamflow. Since the runoff from precipitation as snow is delayed, estimates of snowmelt runoff can be made well in advance of its occurrence. Streamflow forecasts published in this report are based principally on measurement of the water equivalent of the mountain snowpack.

Forecasts become more accurate as more of the data affecting runoff are measured. All forecasts assume that climatic factors during the remainder of the snow accumulation and melt season will interact with a resultant average effect on runoff. Early season forecasts are therefore subject to a greater change than those made on later dates.

The snow course measurement is obtained by sampling snow depth and water equivalent at surveyed and marked locations in mountain areas. A total of about ten samples are taken at each location. The average of these are reported as snow depth and water equivalent. These measurements are repeated in the same location near the same dates each year.

Snow surveys are made monthly or semi-monthly from January 1 through June 1 in most states. There are about 1900 snow courses in Western United States and in the Columbia Basin in British Columbia. Networks of automatic snow water equivalent and related data sensing devices, along with radio telemetry are expanding and will provide a continuous record of snow water and other parameters at key locations.

Detailed data on snow course and soil moisture measurements are presented in state and local reports. Other data on reservoir storage, summaries of precipitation, current streamflow, and soil moisture conditions at valley elevations are also included. The report for Western United States presents a broad picture of water supply outlook conditions, including selected streamflow forecasts, summary of snow accumulation to date, and storage in larger reservoirs.

Snow survey and soil moisture data for the period of record are published by the Soil Conservation Service by states about every five years. Data for the current year is summarized in a West-wide basic data summary and published about October 1 of each year.

COVER PHOTO: SURVEYOR ENROUTE TO THE MT. BALDY ARIZONA SNOW COURSE
SCS PHOTO AZ-5460

PUBLISHED BY SOIL CONSERVATION SERVICE

The Soil Conservation Service publishes reports following the principal snow survey dates from January 1 through June 1 in cooperation with state water administrators, agricultural experiment stations and others. Copies of the reports for Western United States and all state reports may be obtained from Soil Conservation Service, West Technical Service Center, Room 111, 511 N.W. Broadway, Portland, Oregon 97209.

Copies of state and local reports may also be obtained from state offices of the Soil Conservation Service in the following states:

STATE	ADDRESS
Alaska	204 E. 5th. Ave., Room 217, Anchorage, Alaska 99501
Arizona	6029 Federal Building, Phoenix, Arizona 85025
Colorado (N. Mex.)	P. O. Box 17107, Denver, Colorado 80217
Idaho	Room 345, 304 N. 8th. St., Boise, Idaho 83702
Montana	P. O. Box 98, Bozeman, Montana 59715
Nevada	P. O. Box 4850, Reno Nevada 89505
Oregon	1220 S.W. Third Ave., Portland, Oregon 97204
Utah	4012 Federal Bldg., 125 South State St., Salt Lake City, Utah 84138
Washington	360 U.S. Court House, Spokane, Washington 99201
Wyoming	P. O. Box 2440, Casper, Wyoming 82601

PUBLISHED BY OTHER AGENCIES

Water Supply Outlook reports prepared by other agencies include a report for California by the Water Supply Forecast and Snow Surveys Unit, California Department of Water Resources, P. O. Box 388, Sacramento, California 95802 --- and for British Columbia by the Department of Lands, Forests and Water Resources, Water Resources Service, Parliament Building, Victoria, British Columbia



WATER SUPPLY OUTLOOK FOR UTAH

and
FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

Issued by

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SALT LAKE CITY, UTAH

In Cooperation with

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STATE ENGINEER
DIVISION OF WATER RIGHTS
UTAH STATE DEPT. OF NATURAL RESOURCES



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WATER SUPPLY OUTLOOK

SUMMARY
as of
OCTOBER 1, 1976

Utah's 1976 water supply ranged from "well below average" in the southern part of the state to "near average" on the Weber, Logan, and Provo Rivers according to provisional streamflow measurements by the U.S. Geological Survey.

Below average April-June precipitation at most mountain water producing areas coupled with excessive evaporation caused May-July streamflow to be 10 to 60% less than forecast on May 1.

Several reservoirs did not fill this spring and many have very low carry-over storage this fall after a much drier than usual summer causing heavy water use. Reports indicate that many areas of the state will need an average or better snow pack this winter to produce enough runoff next spring to make an adequate water supply for next season.

The following table shows a comparison of forecasts made last May 1 compared to provisional flow measured by the U.S. Geological Survey.

<u>Station</u>	<u>Forecast Period</u>	<u>May 1 Forecast (1000 A. F.)</u>	<u>Measured Flow for the Period (1000 A. F.)</u>
<u>BEAR RIVER</u>			
Bear nr Woodruff	May-July	129	83
Bear nr Randolph	May-July	92	48
Bear nr Ut-Wyom. State Line	May-July	116	75
Logan nr Logan	May-July	118	99
Little Bear nr Paradise	May-July	31	20
Woodruff Ck nr Woodruff	May-July	15.2	12
Blacksmith Fk nr Hyrum	May-July	41	38
<u>WEBER-OGDEN RIVERS</u>			
Chalk Creek at Coalville	May-June	33	22
East Cyn Creek nr Morgan	May-June	18.0	11
Lost Creek nr Croydon	May-June	12.7	7.1
Pineview Reservoir Inflow	May-June	90	52
South Fk Ogden nr Huntsville	May-June	49	28
Weber nr Oakley	May-June	87	80
<u>PROVO RIVER & UTAH LAKE</u>			
Provo nr Hailstone	May-July	83	98
Strawberry Reservoir Inflow	May-July	30	27

<u>Station</u>	<u>Forecast Period</u>	<u>May 1 Forecast (1000 A. F.)</u>	<u>Measured Flow for the Period (1000 A. F.)</u>
<u>TOOELE VALLEY</u>			
Vernon Creek nr Vernon	May-July	0.4	0.4
<u>DUCHESNE RIVER</u>			
Ashley nr Vernal	May-July	52	44
Uinta nr Neola	May-July	66	56
Whiterocks nr Whiterock	May-July	43	45
<u>SAN RAFAEL RIVER</u>			
Ferron Creek nr Ferron	May-July	24	30
<u>UPPER COLORADO BASIN</u>			
Colorado nr Cisco, Utah	Apr-July	2885	3053
Green at Green River, Utah	Apr-July	2742	2251
Mill Creek nr Moab	May-July	3.7	4.6
<u>SEVIER RIVER</u>			
Clear Creek nr Sevier	May-July	8.1	9.0
Salina Creek at Salina	May-June	5.4	3.1
Sevier nr Gunnison	May-July	22	15
Sevier nr Hatch	May-July	32	22
Sevier nr Kingston	May-July	13.5	4.8
<u>BEAVER RIVER</u>			
Beaver nr Beaver	May-July	9.9	7.7
<u>COAL CREEK</u>			
Coal Creek nr Cedar City	May-July	14.9	8.3
<u>VIRGIN RIVER</u>			
Santa Clara nr Pine Valley	May-June	2.8	1.8
Virgin nr Virgin	May-June	26	14 (estimated)

RESERVOIR STORAGE (Thousand Acre Feet) END OF MONTH

October 1, 1976

Basin or Stream	RESERVOIR	Usable Capacity	Usable Storage		
			This Year	Last Year	Average†
GREAT BASIN					
<u>Bear River</u>	Bear Lake	1421.0	1169.1	1217.4	1040.0
	Woodruff Narrows	26.5	0.0	18.9	26.3
<u>Beaver River</u>	Minersville (RkyFd)	23.3	2.8	- -	14.0
<u>Little Bear</u>	Hyrum	15.3	7.7	9.1	14.2
	Porcupine	11.3	2.0	0.6	9.8
<u>Ogden</u>	Causey	6.9	1.1	1.7	2.5
	Pineview	110.1	53.8	72.6	67.8
<u>Provo</u>	Deer Creek	149.7	78.2	109.1	103.5
<u>Settlement Creek</u>	Settlement Creek	1.2	0.0	- -	- -
<u>Sevier River</u>	Gunnison	18.2	0.3	- -	13.7
	Otter Creek	52.5	16.4	28.4	37.5
	Piute	71.8	3.1	- -	43.8
	Sevier Bridge	236.0	65.0	99.8	114.1
<u>Spanish Fork</u>	Strawberry	270.0	203.4	231.6	129.3
<u>Utah Lake</u>	Utah Lake	883.9	632.6	816.3	667.7
<u>Weber</u>	East Canyon	48.1	27.7	30.8	25.6
	Echo	73.9	12.6	42.8	53.9
	Lost Creek	20.0	12.9	12.5	11.3
	Rockport	60.9	43.0	57.5	30.5
	Willard Bay	193.3	147.3	156.4	161.7
COLORADO RIVER BASIN					
<u>Ashley Creek</u>	Steinaker	33.3	15.6	22.1	22.6
<u>Colorado</u>	Blue Mesa	829.5	605.8	694.9	- -
	Lake Powell	25002.0	19641.0	20202.0	8370.8
<u>Green</u>	Flaming Gorge	3749.0	3474.0	3650.4	1629.0
<u>Lakefork</u>	Moon Lake	35.8	3.0	15.2	19.0
<u>Price River</u>	Scofield	65.8	31.1	43.7	34.4
<u>San Juan</u>	Navajo	1696.0	1283.6	1392.2	- -
<u>San Rafael</u>	Huntington North	3.9	0.4	2.3	3.3
	Joe's Valley	54.6	29.2	50.0	34.3
	Mill Site	16.7	0.0	- -	- -
<u>Strawberry</u>	Starvation	165.3	121.8	151.0	- -
<u>Uintah</u>	Bottle Hollow	11.3	10.0	10.7	- -
- 3 -					

UTAH PRECIPITATION DATA

1976 WATER YEAR

STATION NAME	DEC.-	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY-SEPT.	TOTAL								
B E A R R I V E R B A S I N																	
BUG LAKE									34.43								
BURTS-MILLER	12/29	5.36	1/26	1.25	2/25	1.12	3/30	1.80	4/28	2.25	5/26	1.69	6/30	1.11	9/28	1.95	16.53
CLARKSTON MTN					2/29	3/29	2.80								*		34.94
CURTIS CREEK															9/28		40.91
DEER SPRINGS	12/29	6.80	1/30	2.90	2/24	5.50	3/29	4.40	4/23	4.30	5/28	3.90	6/14	1.40			
FRANKLIN BASIN															9/30		48.52
GARDEN CITY SMT	12/29	10.84	1/26	2.34	2/25	3.68	3/30	5.93	4/28	2.02	5/26	1.45	6/28	1.56	*		
GEORGE PEAK																	
GOLD HILL															10/06		15.74
HAYDEN FORK	12/29	9.68	1/26	2.70	2/25	3.83	3/30	4.03	4/28	2.85	5/26	1.23	6/30	1.51	9/29	3.24	29.56
HERD HOLLOW															*		28.58
LILY LAKE															9/28		23.57
LITTLE BEAR UP															9/28		31.91
MONTE CRISTO	1/02	13.03	1/27	1.27	2/25	6.79	3/31	6.51	4/28	4.56	5/26	1.10	6/28	2.88	9/28	3.40	39.54
PARADISE CYN	9/25		1/30	2.70	2/24	5.50	3/22	4.80	1/23	3.30	5/28	2.90	6/14	2.40			
SALT RIVER SMT	12/30	8.50	1/29	3.12	2/25	3.57	4/01	5.06	4/28	2.75	5/28	1.00	6/30	2.00	10/01	5.50	31.50
STILLWATER CMP	12/29	6.21	1/26	1.54	2/25	1.79	3/30	2.78	4/28	2.07	5/26	1.20	6/30	1.15	9/28	2.50	19.24
TONY GROVE LK					2/28		3/29	6.10	4/28		6/01	2.60			9/30		52.10
TONY GROVE RS					2/28		3/29	2.50	4/28		6/01	2.50			9/30		29.07
TRIGARA SPRING	12/29	7.20	1/30	3.10	2/24	4.40	3/22	5.90	4/22	3.80	5/28	1.70	6/14	1.80			
WILLOW FLAT	12/29	10.32	1/26	3.45	2/25	5.51	3/30	5.99	4/30	5.03	5/28	1.73	6/30	2.67	10/01	3.31	38.01

W E B E R - O G D E N R I V E R B A S I N S

BEN LOMOND LGW	1/02	13.00	1/26	1.40	2/25	8.74	3/31	3.46	4/28	4.04	5/26	1.55	6/28	3.68	9/21	6.20	42.07
BEN LOMOND PK															9/21		47.20
CAUSEY DAM	1/02	7.95	1/26	.10	2/25	5.20	3/31	2.18	4/28	2.02	5/26	.74	6/28	1.80	9/28	1.69	21.68
CHALK CREEK 1															9/27		33.87
CHALK CREEK 2															9/27		23.43
CHALK CREEK 3	12/29	8.42	1/26	1.39	2/25	2.27	3/30	3.27	4/28	2.35	5/26	1.44	6/28	1.27	≠		
DRY BREAD POND	1/02	10.82	1/27	.88	2/25	6.86	3/31	5.17	4/28	3.35	5/26	1.59	6/28	2.57	9/28	2.57	33.81
FARMINGTON GS	≠	17.27	1/27	4.37	2/25	6.09	3/31	4.78	4/27	5.70	5/26	1.30	6/29	1.99	10/03	8.59	50.09
FARMINGTON LGW	1/02	15.25	1/27	2.09	2/25	7.51	3/31	4.42	4/27	6.22	5/26	1.58	6/29	2.05	10/03	7.78	46.90
GUILDERS PEAK	12/29	6.10	1/30	1.80	2/24	4.40	3/22	2.90	4/23	1.60	5/28	3.10	6/14	1.40	9/28	7.07	28.37
HORSE RIDGE	≠	12.22	1/27	1.32	2/25	6.68			4/28	8.65	5/26	1.50	7/20	2.88	≠	2.70	35.95
LOST CREEK	≠	4.63	1/27	.35	2/25	3.80	3/31	1.19	4/28	1.54	5/26	1.12					
MAGPIE	12/29	5.40	1/30	2.30	2/24	4.50	3/22	3.10	4/23	3.30	5/28	2.50	6/14	2.30			

NOTE: BLANK SPACES INDICATE NO READING TAKEN, NEXT READING IS CUMULATIVE (EXCEPT AS NOTED *)
 *: GAGE MOLESTED, DATA FOR THIS PERIOD LOST ** Estimated

UTAH PRECIPITATION DATA

1976 WATER YEAR

STATION NAME	OCT.-DEC.	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY-SEPT.	TOTAL
MIDDLE FK OGDN	12/29 6.00	1/30 2.90	2/24 7.50	3/22 2.90	4/23 3.20			10/06 2.53	34.30
PARLEY CYN SMT	12/29 12.34	1/29 3.35	2/25 4.01	3/29 5.24	4/29 3.89	5/28 1.43	6/23 1.51	9/27 2.15	25.36
PORCUPINE								9/29 2.15	32.75
REDDEN MINE UP	1/02 12.83	1/27 2.48	2/25 4.41	3/31 4.33	4/29 4.25	5/26 1.36	6/28 .94	9/28 1.96	22.20
SAGEBRUSH FLAT	1/02 7.57	1/27 .26	2/25 5.36	3/31 2.01	4/28 1.95	5/26 1.10	6/28 1.99	9/30 28.51	37.55
SARGEANT LAKES								9/30 2.24	26.93
SHINGL MIL FLT									
SM MOREHOUSE	1/07 11.48	1/21 .96	2/25 3.16	3/30 3.55	4/28 2.83	5/26 1.56	6/28 1.15		

UTAH LAKE - JORDAN RIVER BASIN

BEAVER DIVIDE									
CLEAR CR RDG 2	1/05 7.90	1/28 1.40	2/25 3.10	3/30 2.80	4/28 2.60	5/25 1.60	7/01 1.30	9/29 24.27	
DANIEL-STR SMT	12/24 7.71	1/29 2.47	2/24 4.30	3/29 3.03	4/27 2.74	5/24 1.11	6/29 1.09	9/30 3.50	24.20
DESERET PEAK			2/28	4.60				10/14 1.43	23.88
DUTCHMAN RS		1/30 .80	2/27 5.60	4/01 2.60	4/30 2.40	5/26 1.35	6/28 .96	10/01 2.19	41.86
EAST PORTAL	12/29 8.37	1/31 2.74	2/28 3.26	3/30 2.04	5/01 2.38	5/28 1.20	7/01 1.12	10/01 .72	21.83
HOBBLE CK SMT	1/07 8.50	1/29 1.00	2/25 3.80	3/31 2.20	4/29 2.85	5/25 1.15	7/01 .80	9/23 2.43	31.53
LAKE CREEK							6/29 26.22	9/22 2.97	22.03
LAMBS CANYON	12/29 9.09	1/29 1.95	2/25 3.39	3/29 3.98	4/29 3.44	5/28 1.52			
MIDDLE CANYON	12/29 7.05	1/31 2.68	2/28 5.09	3/28 4.50	4/30 3.75	5/25 1.50		9/29 3.89	27.47
PAYSON RS	12/31 10.05	1/27 1.70	2/24 2.70	3/26 2.30	4/27 3.10	5/25 1.40	7/01 .90	9/30 1.80	23.95
ROCKY BASIN-SC	10/31 4.00			3/26 16.16	4/27 4.18	5/23 2.78	6/28 1.40	9/29 5.85	34.37
SOAPSTONE RS	1/02 8.22	1/27 2.08	2/25 2.85	3/31 2.80	4/29 3.10	5/26 1.72	6/30 .82	9/29 3.03	24.62
TIMPANOGOS DIV	1/06 12.40	1/29 2.40	2/25 7.76	3/31 2.40	4/30 2.95	5/26 2.00	7/01 1.55	10/01 3.10	34.56
TRIAL LAKE	1/02 10.60	1/27 2.76	2/25 5.55	3/31 4.12	4/29 3.87	5/26 1.59	6/30 1.10		
VERNUM CREEK	12/29 5.66	1/31 1.00	2/28 5.50	3/28 2.00	4/30 4.00	5/25 .70	7/01 .20		

DUCHE SNE - GREEN RIVER BASIN

ASHLEY TWIN LK								9/17 31.40	
ATWOOD BASIN								9/17 18.91	
BLACKS FK JCT	12/29 5.47	1/26 1.81	2/25 1.87	3/30 2.50	4/28 1.88	5/26 1.46	6/30 1.35	9/28 3.90	20.24
BROWN DUCK RDG	* 6.12	1/27 1.24	2/25 4.03	3/31 1.60	4/29 3.99	5/26 2.73			
BUCK PASTURE						5/26 20.87			
BURNT CREEK	12/24 4.75	1/29 .40	2/23 2.20	3/25 1.45	4/26 2.75	5/22 2.06	7/02 2.34	9/28 5.99	26.86
CHEPETA-WTRUCK								9/28 4.18	20.13
CURRENT CREEK	12/24 6.15	1/29 1.60	2/24 3.21	3/29 2.32	4/27 2.55	5/24 1.10	6/29 .85	9/17 26.96	
E FK BLACKS FK	12/29 5.27	1/26 1.75	2/25 2.05	3/30 2.30	4/28 1.75	5/26 1.51	6/30 1.34	9/23 1.28	19.06
FIVE POINT LK								9/28 3.56	19.53
								9/16 23.36	

NOTE: BLANK SPACES INDICATE NO READING TAKEN, NEXT READING IS CUMULATIVE (EXCEPT AS NOTED *)
 *: GAGE MOLESTED, DATA FOR THIS PERIOD LIST * * Estimated

UTAH PRECIPITATION DATA

1976 WATER YEAR

STATION NAME	OCT.-DEC.	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY-SEPT.	TOTAL
GRIZZLY RIDGE	12/24 6.00	1/29 .40	2/23 4.10	3/25 1.85	4/26 4.15	5/22 2.21	7/02 .90	9/28 4.35	23.96
HENRYS FORK								9/17	28.98
HEWINTA GS	12/29 5.98	1/26 2.00	2/25 2.09	3/30 3/30	4/28 2.03	5/26 2.06	6/30 1.54	9/28 4.45	22.97
HICKERSON PARK	12/29 4.77	1/26 1.30	2/25 1.48	3/30 1.80	4/29 1.97	5/26 3.44	7/02 .93	9/17 2.17	17.86
HIGHLINE TRAIL	12/29 5.55				4/28 11.92	5/26 2.44	7/06 2.44	9/28 7.55	29.90
INDIAN CANYON	1/02 4.25	1/29 2.70	2/24 4.29	3/26 1.14	4/29 3.32	5/25 1.51	7/01 1.31		
JACKSON PARK				3/31	4/29 4.54	5/26 3.31		9/17 4.46	
KIDNEY LAKES								9/17	21.05
KINGS CABIN UP	12/29 5.57	1/26 1.00	2/25 3.72	3/30 1.56	4/29 3.85	5/22 2.02	7/07 1.21	9/16 2.61	21.54
LAKE BASIN	1/02 7.40	1/27 1.19	2/25 3.81	3/31 2.47	4/29 3.68	5/26 2.01	7/01 .52	9/27 5.05	26.13
LAKEFORK BASIN								*	28.38
LAKEFORK MTN	12/30 5.40	1/27 .83	2/25 3.81	3/31 1.47	4/29 4.04	5/26 2.55	7/01 .91	9/10 3.44	22.45
LIGHTNING LAKE								9/14	32.87
MOSBY MOUNTAIN	12/30 5.04	1/27 .37	2/25 3.48	3/31 1.65	4/29 4.93	5/26 2.30	7/02 2.12		28.86
PARADISE PARK	12/30 6.31	1/27 .50	2/25 4.50	3/31 1.85	4/29 5.83	5/26 2.97	7/02 1.56	9/17 5.34	29.09
REYNOLDS PARK								9/17	21.86
ROCK CREEK	12/30 5.77	1/27 1.01	2/25 3.24	3/31 1.20	4/29 2.63	5/26 1.92	7/01 .33	9/13 5.76	27.57
SHADOW LAKE								9/17	24.50
SPIRIT LAKE	12/29 5.30	1/26 .40	2/25 3.03	3/30 2.60	4/29 4.31	5/26 3.23	7/02 1.25	9/17 4.38	25.12
STEEL CRK PARK								9/28	
TROUT CREEK	* 5.32	1/26 1.35	2/25 3.85	3/30 1.69	4/29 3.43	5/25 2.29	7/06 1.39	9/23 1.91	28.32
W FK DUCHESNE	10/28 2.37						6/29 24.04	*	
WINDY PARK									

P R I C E - S A N R A F A E L - F R E M O N T R I V E R B A S I N S

BLACKS FLAT-UM	12/22 3.90		2/27 2.40	3/30 6.78	4/26 3.16	6/01 2.12	7/01 .28	10/01 2.72	18.96
BUCK FLAT	12/31 5.50	1/30 2.50	2/25 9.10	3/31 2.20	4/30 3.35	5/28 1.70	6/29 .95	9/27 3.25	21.85
BUCKBOARD FLAT	12/30 6.30		2/25 7.80	3/26 2.30	4/30 2.32	5/26 2.96	6/29 .58	9/29 5.00	28.56
CAMP JACKSON	12/30 5.90		2/25 2.00	3/26 1.65	4/30 2.56	5/28 2.52	6/29 .26	9/29 6.65	28.07
DILLS CAMP	12/29 4.15	1/27 2.15	2/25 2.00	3/29 1.77	4/28 3.35	6/29 2.90	7/01 .27	9/27 2.90	19.10
FISH LAKE	12/22 2.84		2/25 3.37	3/30 2.00	4/26 2.36	6/01 2.43	7/01 .27	10/01 2.90	15.94
GOOSERERRY RES	12/29 8.80	1/29 2.60	2/25 3.70	3/30 2.00	4/29 3.60	5/26 1.05	6/30 1.55	9/30 2.85	26.15
LASAL MTN UP	1/05 6.40	1/29 .85	2/25 3.25	3/29 4.05	4/29 1.73	5/27 3.09	7/01 .36	9/28 7.23	26.96
MUD CREEK	12/30 4.95	1/29 2.40	2/25 2.55	3/30 1.90	4/29 2.75	5/26 2.30	6/28 1.40	9/28 3.45	21.70
ORANGE OLSEN	12/30 .80	1/29 .90	2/25 1.25	3/30 .75	4/29 1.70	5/27 1.90	6/29 .25	*	
RED PINE RIDGE	12/30 6.40	1/29 3.15	2/25 3.75	3/30 2.80	4/29 3.60	5/27 2.10	6/29 1.30	9/30 3.65	26.75
STUART RS OLD	12/30 4.40			3/30 5.15	4/29 2.25	5/27 2.00	6/29 1.30	9/29 4.60	19.70
WHITE RIVER J	12/31 6.35	1/30 2.00	2/25 2.95	3/31 1.45	4/29 2.65	5/26 1.60	6/28 .35	9/28 2.70	20.05

S E V I E R - B E A V E R R I V E R P A S I N S

BEAVER DAMS	12/30 4.60	1/27 2.25	2/25 1.70	3/29 1.35	4/28 3.70	5/28 1.35	6/29 .85	*	
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NOTE: BLANK SPACES INDICATE NO READING TAKEN, NEXT READING IS CUMULATIVE (EXCEPT AS NOTED *)
*: GAGE MOLESTED, DATA FOR THIS PERIOD LOST * Estimated

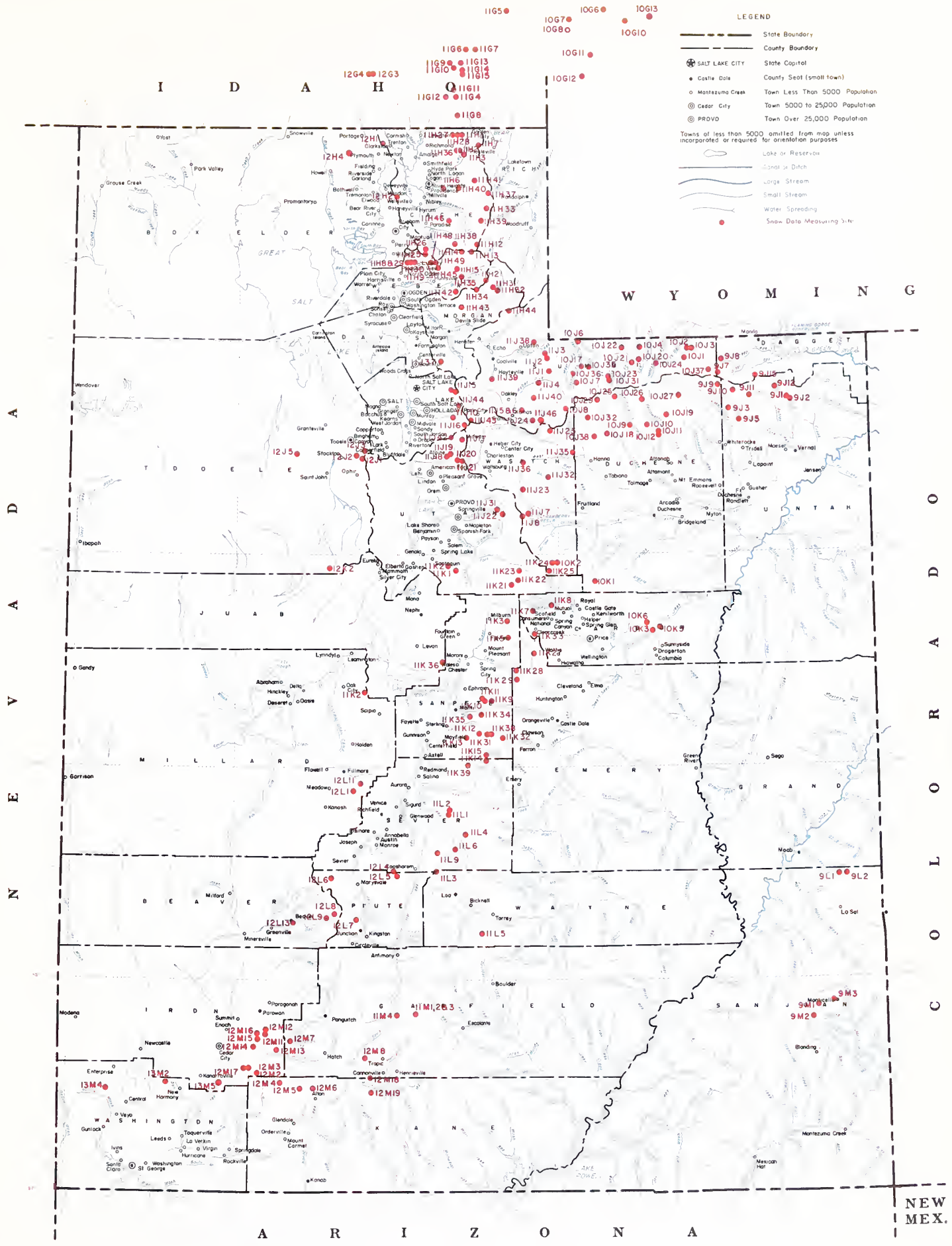
UTAH PRECIPITATION DATA
1976 WATER YEAR

STATION NAME	OCT.-DEC.	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY-SEPT.	TOTAL
BIG FLAT	12/31 5.88	1/30 .97	2/27 3.67	3/31 2.58	4/30 2.99	5/28 1.45	7/01 1.45	9/29 5.07	23.15
BOX CREEK	12/23 4.49	1/27 1.39	2/25 3.55	4/01 3.62	4/27 3.40	6/01 1.77	7/01 1.77	10/01 3.38	21.94
CASTLE VALLEY	12/29 4.31	1/28 .78	2/25 5.75	3/30 2.55	4/30 2.65	5/27 .50	6/28 .50	9/27 4.35	21.04
DUCK CREEK RS	12/29 4.80	2/25 30	2/25 7.15	3/30 3.50	4/30 3.80	5/27 .65	6/28 .65	9/27 4.55	24.85
FARNSWORTH LK	12/23 6.65	1/26 3.00	2/24 3.05	3/25 4.15	4/27 6.00		6/28 1.90	9/27 3.00	27.75
GBRC HEADQTRS	12/31 8.42	1/30 2.00	2/27 2.65	3/31 3.15	4/30 3.85	6/02 1.60	6/28 1.00	9/30 3.45	26.12
GBRC MAJORS	12/31 4.42	1/30 1.05	2/27 1.10	3/31 1.70	4/30 2.30	6/02 .80	6/28 .58	9/30 3.52	15.47
GBRC MEADOWS	12/31 8.59	1/30 2.90	2/27 3.15	3/31 3.55	4/30 4.60	6/02 2.22	6/28 1.40	9/30 3.36	29.77
GBRC OAKS	12/31 5.82	1/30 1.15	2/27 1.50	3/31 2.20	4/30 2.70	6/02 1.00	6/28 .66	9/30 3.15	18.18
GOOSEBERRY RS	12/24 5.30	1/26 2.00	2/24 1.95	3/25 3.30	4/27 4.05		6/28 1.35	9/27 1.65	19.60
HI-TOP MTN							7/01 21.94	*	
KIMBERLY MINE	12/30 7.61	1/24 1.92	2/25 6.88	3/30 2.35	4/29 4.21	5/27 .85	7/01 .43	9/29 3.90	28.15
MAMMOTH RS	12/29 9.05	1/29 2.75	2/25 3.85	3/30 2.40	4/29 3.45	5/26 1.35	7/01 1.35	9/30 2.90	27.10
MERCHANT VALLEY	12/31 4.55	1/30 1.88	2/27 2.60	3/31 3.03	4/30 2.93	5/28 1.10	7/01 .45	9/29 4.10	20.64
MIDWAY VALLEY	12/29 5.10	1/28 .50	2/25 9.35	3/30 2.75	4/30 4.70	5/27 .80	6/28 .20	9/27 5.30	28.70
MT BALDY RS	12/30 5.45	1/27 2.70	2/25 2.20	3/29 2.20	4/28 4.05	5/28 1.90	6/29 .80	9/28 3.35	22.65
OAK CREEK			2/27 13.50	3/26 2.39	4/28 3.11	5/02 1.78	6/28 .20	9/27 3.58	24.36
PANGUITCH LAKE	12/29 2.50	1/28 .49	2/25 4.30	3/30 1.30	4/30 2.00	5/27 .30	6/28 .30	9/27 4.60	15.69
PICKLE KEG SPG								9/27	24.76
PINE CREEK	10/30 2.51	1/29 9.53	2/25 5.22	3/24 3.65	4/28 7.58	5/02 .70	6/30 .52	9/28 2.26	31.97
REES FLAT			2/20 12.20	3/23 1.75			6/30 4.65	9/29 2.90	21.50
SHINGLE MILL	1/06 7.86	1/29 .56	2/25 2.04	3/24 2.40	4/28 5.21	5/02 .70	6/30 .76	9/28 2.32	21.85
WIDTSOE ESCL 3	12/24 3.99	1/30 .64	2/24 4.10	3/26 2.74	4/26 4.39	5/21 2.37	6/28 .15	9/29 4.28	22.66
WIDTSOE RS	12/24 1.54	1/30 .26		3/26 2.39	4/26 1.54	5/21 1.42	6/28 .05	9/29 2.31	9.51

C O A L C R E E K - V I R G I N - E S C A L A N T E R I V E R B A S I N S

KOLOR CRYSTAL									
LITTLE GRASSY	12/29 2.65	1/28 .15	2/25 7.85	3/29 .70	4/30 2.50	5/26 1.70		9/30	22.63
LONG FLAT	12/29 3.07	1/28 .45	2/25 4.85	3/29 1.65	4/30 3.10		6/29 .30	*	2.50
TALL POLES	12/29 5.80	1/28 1.20	2/24 5.20	3/29 2.55	4/28 3.10	5/26 .05	6/28 .30	9/27 4.10	18.05
WEBSTER FLAT	12/29 5.93	1/28 .80	2/25 9.80	3/30 2.55	4/30 5.60	5/27 .40	6/28 .0	9/27 4.70	16.52
YANKEE RES	12/29 4.65	1/28 1.40	2/25 3.75	3/30 2.65	4/30 2.05	5/26 .30	6/28 0.05	9/27 3.75	22.30
									29.78
									18.60

NOTE: BLANK SPACES INDICATE NO READING TAKEN, NEXT READING IS CUMULATIVE (EXCEPT AS NOTED *)
 *: GAGE MOLESTED, DATA FOR THIS PERIOD LOST * *Estimated



SNOW COURSES AND RELATED
DATA MEASURING SITES

UTAH

1976



USGS National Atlas 1:1,000,000 Albers
Equal-Area projection (1967) used as source
for base map and adapted for SCS use.

USGSCS-PORTLAND, OREG 1975 M7-OL-22027

Agencies Cooperating in Utah Snow Surveys

U.S. GOVERNMENT AGENCIES

U.S. Department of Agriculture
Soil Conservation Service
Forest Service
U.S. Department of Commerce
NOAA, National Weather Service
U.S. Department of Interior
Bureau of Reclamation
Geological Survey
National Park Service

STATE AGENCIES

Utah State University
Utah Fish and Game Department
Utah State Department of Natural
Resources, Division of Water Rights
Bear River Commissioner
Price River Commissioner
Provo River Commissioner
Sevier River Commissioners
Spanish Fork River Commissioner
Utah Lake and Jordan River Commissioner

MUNICIPALITIES

Manti
Salt Lake City

ORGANIZED PUBLIC AGENCIES

Beaver River Water Users Association
Board of Canal Presidents - Jordan River
Emery Canal and Reservoir Company
Moon Lake Water Users Association
Ogden River Water Users Association
Provo River Water Users Association
Strawberry Water Users Association
Sevier River Water Users Association

PRIVATE AGENCIES

Kaiser Steel Corporation

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SOIL CONSERVATION SERVICE
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125 SOUTH STATE ST.
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*"The Conservation of Water begins
with the Snow Survey"*